

Claims

What is claimed is:

1 1. An information processing system, comprising:
2 a first computing device for:
3 receiving first information that has been formed according to application software
4 instructions;
5 independent of the application software instructions, forming second information for
6 causing a second computing device to perform an operation;
7 in response to receiving the first information, executing protocol stack instructions to form
8 a packet including at least the first and second information;
9 outputting the packet to the second computing device.

1 2. The system of Claim 1 wherein the first computing device is for:
2 in response to receiving the first information, executing the protocol stack instructions for
3 forming the packet in accordance with a network protocol.

1 3. The system of Claim 2 wherein the network protocol is TCP/IP.

1 4. The system of Claim 2 wherein the network protocol is UDP/IP.

1 5. The system of Claim 2 wherein the first computing device is for:
2 outputting the packet to the second computing device through a network in accordance
3 with the network protocol.

1 6. The system of Claim 5 wherein the network is a global computer network.

1 7. The system of Claim 5 wherein the network is an IP network.

1 9. The system of Claim 1 wherein the second computing device is a client computing
2 device.

1 11. The system of Claim 10 wherein the operation includes maintaining a session by
2 addressing a subsequent packet to the first computing device.

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1 13. A method performed by a first computing device of an information processing
2 system, the method comprising:

3 receiving first information that has been formed according to application software
4 instructions;

5 independent of the application software instructions, forming second information for
6 causing a second computing device to perform an operation;

7 in response to receiving the first information, executing protocol stack instructions to form
8 a packet including at least the first and second information;

9 outputting the packet to the second computing device.

1 14. The method of Claim 13 wherein the method comprises:

2 in response to receiving the first information, executing the protocol stack instructions for
3 forming the packet in accordance with a network protocol.

1 15. The method of Claim 14 wherein the network protocol is TCP/IP.

1 16. The method of Claim 14 wherein the network protocol is UDP/IP.

1 17. The method of Claim 14 wherein the method comprises:

2 outputting the packet to the second computing device through a network in accordance
3 with the network protocol.

1 18. The method of Claim 17 wherein the network is a global computer network.

1 19. The method of Claim 17 wherein the network is an IP network.

1 20. The method of Claim 13 wherein the method comprises:

2 in response to receiving the first information, executing the protocol stack instructions for
3 forming the packet including a header portion and a data portion, the header portion including at
4 least one header, and the data portion including at least the first and second information.

1 21. The method of Claim 13 wherein the second computing device is a client
2 computing device.

1 22. The method of Claim 21 wherein the operation includes maintaining a session.

1 23. The method of Claim 22 wherein the operation includes maintaining a session by
2 addressing a subsequent packet to the first computing device.

1 24. The method of Claim 21 wherein the operation includes modifying state
2 information.